



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of: Wei et al.

Serial No: 10/718,997

Filed: November 21, 2003

Confirmation No: 9089

Title: "Extension of the Dynamic Detection
Range of Assay Devices"

Examiner: Jacqueline A. Diramio

Group Art Unit: 1641

Our Account No: 04-1403

Customer No: 22827

Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Sir:

The following is an Information Disclosure Statement for the captioned patent application,
pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1. ☒ Attached hereto is:

- a. ☒ A list of materials for consideration per Rule 98(a)(1): 3 page(s)
- b. ☐ A legible copy of each patent, publication, or other item listed per Rule 98(1)(2),
unless not required per Rule 98 and/or as indicated on the attached list(s):
 item(s)
- c. ☐ For each non-English language item listed, pursuant to Rule 98(a)(3), a concise
explanation of the relevance thereof as it is presently understood by the
individual designated in Rule 56(c) most knowledgeable about the content of
such items: _____

☐ Such explanation is provided in the Search Report from a corresponding
application enclosed herewith along with any enclosed translation into English.

2. ☒ This Information Disclosure Statement is being filed [CHECK ONE]:

- a. ☐ WITHIN THREE MONTHS of the application filing date, national stage date of
entry, or along with or after a request for continued examination, OR BEFORE
the mailing date of a first Office Action on the merits, which ever event occurs
last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is
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- b. ☒ AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice
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- i. ☐ Certification per Rule 97(e); OR
- ii. ☒ Filing Fee per Rule 17(p) \$180.00
- c. ☐ AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
- i. Certification per Rule 97(e); AND
- ii. Filing fee per Rule 17(p) \$180.00
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- a. ☐ That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b. ☐ That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

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4. ☒ DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.
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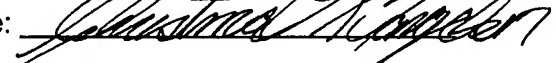
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/718,997
Filing Date	November 21, 2003
First Named Inventor	Wei et al.
Art Unit	1641
Examiner Name	Jacqueline A. Diramio
Attorney Docket Number	KCX-691 (18379)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- RE38430	02/17/04	Rosenstein	
		US- 4,742,011	05/03/88	Blake et al.	
		US- 4,743,560	05/10/88	Campbell et al.	
		US- 4,835,099	05/30/89	Mize et al.	
		US- 4,889,816	12/26/89	Davis et al.	
		US- 4,904,583	02/27/90	Mapes et al.	
		US- 4,920,045	04/24/90	McFarland et al.	
		US- 4,954,435	09/04/90	Krauth	
		US- 4,956,302	09/11/90	Gordon et al.	
		US- 4,978,625	12/18/90	Wagner et al.	
		US- 4,980,298	12/25/90	Blake et al.	
		US- 5,073,340	12/17/91	Covington et al.	
		US- 5,075,078	12/24/91	Osikowicz et al.	
		US- 5,120,643	06/09/92	Ching et al.	
		US- 5,149,622	09/22/92	Brown et al.	
		US- 5,185,127	02/09/96	Vonk	
		US- 5,208,143	05/04/93	Henderson et al.	
		US- 5,275,785	01/04/94	May et al.	
		US- 5,428,690	06/27/95	Bacus et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Sheet **2** of **3****Complete if Known**

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		Number-Kind Code ² (if known)			
		US- 5,573,919	11/12/96	Kearns et al.	
		US- 5,591,645	02/17/04	Rosenstein	
		US- 5,602,040	02/11/97	May et al.	
		US- 5,610,077	03/11/97	Davis et al.	
		US- 5,622,871	04/22/97	May et al.	
		US- 5,656,503	08/12/97	May et al.	
		US- 5,714,389	02/03/98	Charlton et al.	
		US- 5,788,863	08/04/98	Milunic	
		US- 5,798,273	08/25/98	Shuler et al.	
		US- 5,945,281	08/31/99	Prabhu	
		US- 5,989,924	11/23/99	Root et al.	
		US- 5,989,926	11/23/99	Badley et al.	
		US- 5,998,221	12/07/99	Malick et al.	
		US- 6,077,669	06/20/00	Little et al.	
		US- 6,130,100	10/10/00	Jobling et al.	
		US- 6,133,048	10/17/00	Penfold et al.	
		US- 6,156,271	12/05/00	May	
		US- 6,187,269	02/13/01	Lancesseru et al.	
		US- 6,194,220	02/27/01	Malick et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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		Number-Kind Code ² (if known)			
		US-			
		US- 6,274,324	08/14/01	Davis et al.	
		US- 6,294,391	09/25/07	Badley et al.	
		US- 6,352,862	03/05/02	Davis et al.	
		US- 6,399,398	06/04/02	Cunningham et al.	
		US- 6,524,864	02/25/03	Fernandez de Castro	
		US- 6,627,459	09/30/03	Tung et al.	
		US- 6,653,149	11/25/03	Tung et al.	
		US- 6,669,908	012/30/03	Weyker et al.	
		US- 6,951,631	10/04/05	Catt et al.	
		US- 7,044,919	05/16/06	Catt et al.	
		US- 7,052,831	05/30/06	Fletcher et al.	
		US- 2002/0042149	04/11/02	Butlin et al.	
		US- 2002/0045273	04/18/02	Butlin et al.	
		US- 2004/0151632	08/05/04	Badley et al.	
		US- 2006/0029924	02/09/06	Brewster et al.	
		US-			
		US-			
		US-			

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